



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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801-359-3940 (Fax)

801-538-7223 (TDD)

April 8, 2002

Mr. Lon Thomas
Star Stone Quarries, Inc.
4040 South 300 West
Salt Lake City, Utah 84107

Re: Revegetation Requirements, Star Stone Quarries, Inc., Santa Barbara Quarry, S/013/006,
Duchesne County, Utah

Dear Mr. Thomas:

On April 4, 2002, Lynn Kunzler and I inspected the above-referenced mining operation. A copy of the inspection report is enclosed. According to our records, there has been no mining at this site since 1999. The site has been graded smooth, and it matches surrounding areas very well. However, because there is very little vegetation, it does not appear the site was seeded.

Please let us know if you plan to continue quarrying operations in this area. Otherwise, the site needs to be seeded. We suggest that you wait until fall to seed and that you rip the surface and broadcast the seed. Minimally, you need to apply the seed and rake the area. The area normally receives enough precipitation that the chances of revegetation success are good. I have attached a recommended seed mix to the inspection report.

Please contact Lynn at 801-538-5310 or me at 801-538-5261 if we can answer any questions about the reclamation requirements.

Sincerely,

Paul B. Baker
Senior Reclamation Biologist

jb

Enclosure: Inspection Memo w/photos

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April 10, 2002

TO: Minerals File

FROM: Paul Baker, Reclamation Biologist 

RE: Site Inspection, Star Stone Quarries, Inc., Santa Barbara Quarry, S/013/006, Duchesne County, Utah

Date and Time of Inspection: April 4, 2002, about 3:00 p.m.
Conditions: Mostly clear, 70's
Participants: Lynn Kunzler and Paul Baker, DOGM

Purpose of Inspection:

This site was reclaimed in 1999, and an inspection by Tony Gallegos on May 16, 2001, indicated there was little vegetation. We wanted to see if vegetation was becoming established or if reseeding would be necessary.

Getting to the site:

About 1½ miles west of the US 40 bridge over Starvation Reservoir, there is a turnoff heading north on to the old highway. Take this turnoff and go east for about 0.3 miles. At this point, there is a gated road that heads south and east. This road appears to have been built or upgraded by Coastal Fuel Systems for a pipeline. The disturbed area is about 100 feet southeast of the gate.

The notice of intention in the file has a map showing the disturbed area as being about ½ mile east of the gate. This is not correct. We walked along the road trying to find another place where the disturbed area might be, and although we found another graded disturbed area, it was not a reclaimed rock quarry.

Observations:

The disturbed area is about one acre, and it has been graded smooth. There are a few Halogeton plants growing in the area but little else. The vegetation community in the surrounding area is pinyon/juniper. There were no signs of rilling or gullyng.

Conclusions and Recommendations:

Because there was so little vegetation, it did not appear the site was seeded when it was reclaimed. The area needs to be seeded in the fall. Minimally, it should be seeded and raked, but ideally, the operator would rip then seed the area. Since the surrounding vegetation is pinyon/juniper, I consider the probability of revegetation success at this site to be high. The site does not meet reclamation standards, and the operator needs to pay the permit fee.

jb
cc: Lon Thomas
Enclosure: Seed Mix
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Star Stone, Santa Barbara Quarry

S/013/006

April 11, 2002

Recommended Seed Mix for Santa Barbara Quarry

Species	Broadcast seeding rate Pounds Pure Live Seed/Acre
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Crested Wheatgrass (<i>Agropyron desertorum</i>)	4
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Thickspike Wheatgrass (<i>Elymus lanceolatus</i>)	3
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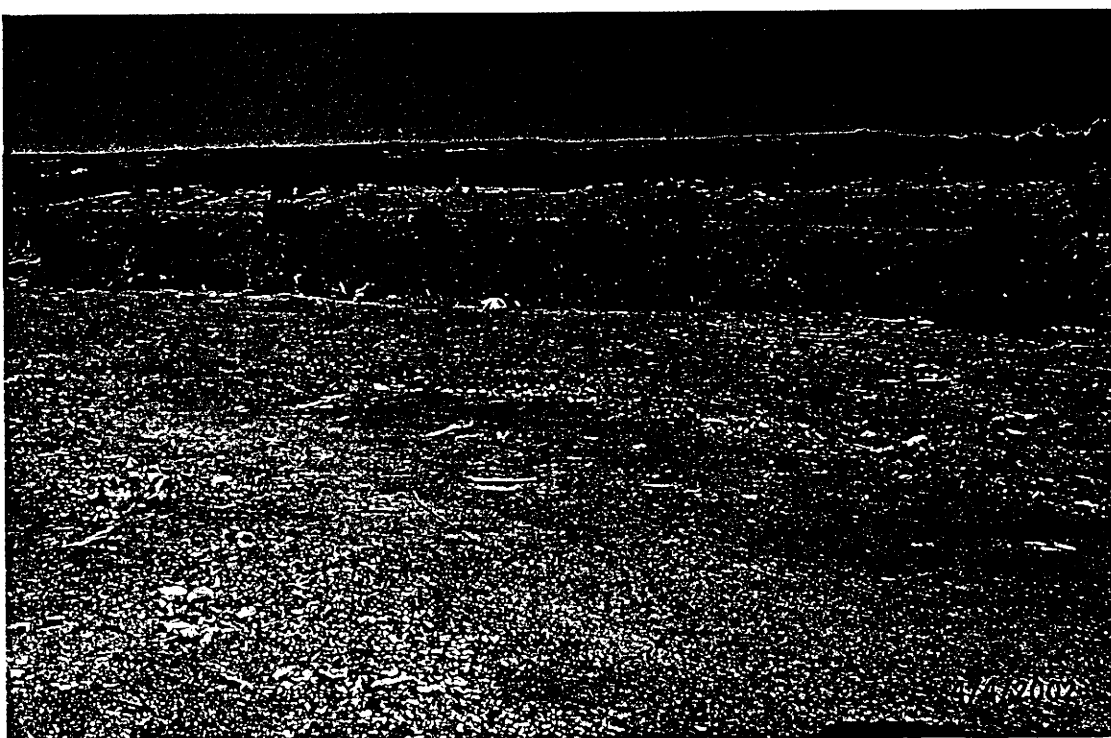
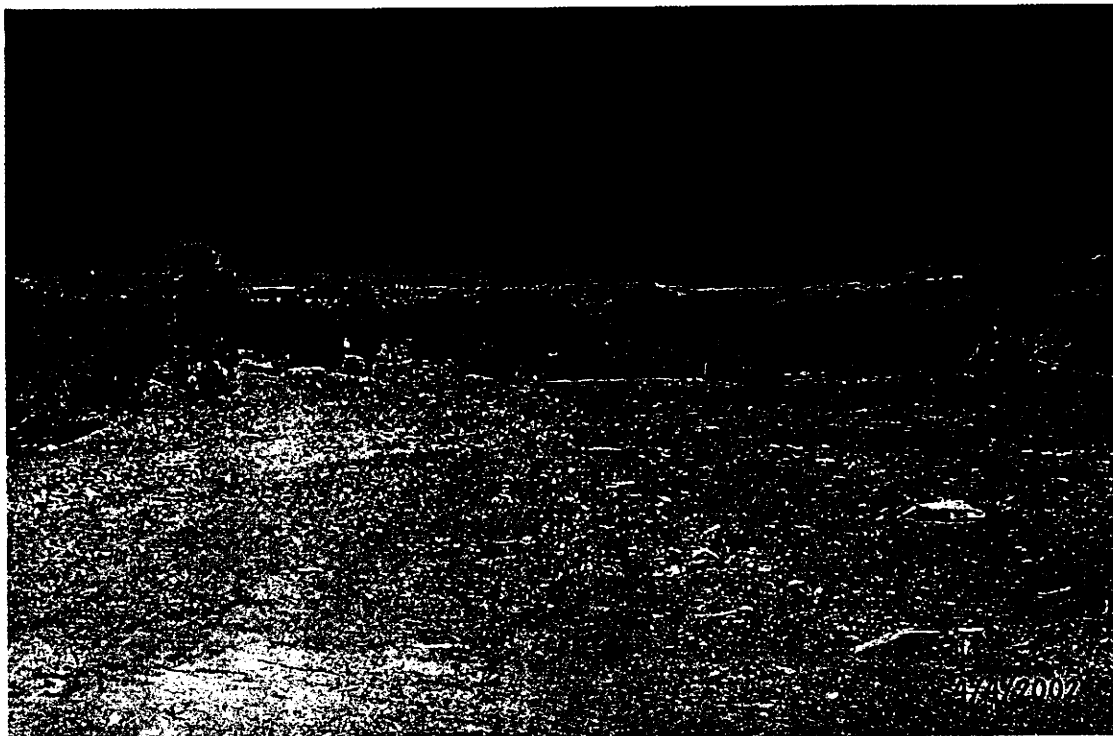
Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	3
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Optional Species

Blue Flax (<i>Linum lewisii</i>)	1
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Small Burnet (<i>Sanguisorba minor</i>)	1
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Photographs of Santa Barbara Quarry
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Photographs of Santa Barbara Quarry

April 4, 2002

